

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92165

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60369
Calibration Std. hexchrome 0.05 ppm	WP60368
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60371
Calibratation STD Hexa Chrome 0.5 PPM	WP60370
calibration std. hexchrome 0.01 ppm	WP60366
calibration std. hexchrome 0 ppm	WP60363
Hexavalent Chromium ICV Std.	WP60372
Hexavalent Chromium CCV Std	WP60373
hexavalent chromium color reagent	WP60362
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60367

Intercept: 0.0002

Slope: 0.775

Regression: 0.999942

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		1.97	0.000	0.000	0.000	12/14/2017	13:45
2	CAL2	0.01	1	100	100		1.54	0.000	0.007	0.007	12/14/2017	13:45
3	CAL3	0.025	1	100	100		2.31	0.000	0.017	0.017	12/14/2017	13:46
4	CAL4	0.05	1	100	100		2.20	0.000	0.038	0.038	12/14/2017	13:46
5	CAL5	0.1	1	100	100		1.76	0.000	0.079	0.079	12/14/2017	13:47
6	CAL6	0.5	1	100	100		1.67	0.000	0.394	0.394	12/14/2017	13:47
7	CAL7	1	1	100	100		2.43	0.000	0.772	0.772	12/14/2017	13:48



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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.04	0.000	0.391	0.391	0.504	12/14/2017	13:48
2	ICB		1	100	100		1.89	0.000	0.000	0.000	0.000	12/14/2017	13:49
3	CCV1	0.5	1	100	100		2.17	0.000	0.392	0.392	0.506	12/14/2017	13:49
4	CCB1		1	100	100		2.25	0.000	0.000	0.000	0.000	12/14/2017	13:50
5	PB105042BL		1	2.54	100	7.20	1.80	0.000	0.000	0.000	0.000	12/14/2017	13:50
6	PB105042BS	20	1	2.52	100	7.55	2.26	0.000	0.348	0.348	0.449	12/14/2017	13:51
7	I6678-01		1	2.50	100	7.13	1.66	0.006	0.006	0.000	0.000	12/14/2017	13:51
8	I6679-03		1	2.55	100	7.88	2.33	0.023	0.023	0.000	0.000	12/14/2017	13:52
9	I6679-05		1	2.51	100	7.24	1.77	0.029	0.029	0.000	0.000	12/14/2017	13:52
10	I6679-07		1	2.55	100	7.17	1.94	0.010	0.010	0.000	0.000	12/14/2017	13:53
11	I6830-01		1	2.52	100	7.33	2.45	0.039	0.039	0.000	0.000	12/14/2017	13:53
12	I6830-02		1	2.50	100	7.10	1.81	0.019	0.022	0.003	0.004	12/14/2017	13:54
13	I6830-03		1	2.53	100	7.85	2.35	0.009	0.009	0.000	0.000	12/14/2017	13:54
14	I6830-04		1	2.54	100	7.69	1.78	0.010	0.010	0.000	0.000	12/14/2017	13:55
15	CCV2	0.5	1	100	100		2.25	0.000	0.392	0.392	0.506	12/14/2017	13:55
16	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	12/14/2017	13:56
17	I6830-05		1	2.51	100	7.71	1.91	0.006	0.008	0.002	0.002	12/14/2017	13:56
18	I6877-03		1	2.50	100	7.63	2.37	0.009	0.009	0.000	0.000	12/14/2017	13:57
19	I6885-02		1	2.55	100	7.69	2.30	0.008	0.008	0.000	0.000	12/14/2017	13:57
20	I6885-02DUP		1	2.51	100	7.55	2.41	0.007	0.007	0.000	0.000	12/14/2017	13:58
21	I6885-02MSPre	40	2	2.50	100	7.41	2.41	0.013	0.101	0.088	0.113	12/14/2017	13:58
22	I6885-02MS2Ins	1284	40	2.50	100	7.69	1.57	0.009	0.604	0.595	0.767	12/14/2017	13:59
23	I6885-02MS3Post	40	2	2.51	100	7.31	2.15	0.015	0.266	0.251	0.324	12/14/2017	13:59
24	I6889-02		1	2.55	100	7.22	2.09	0.010	0.010	0.000	0.000	12/14/2017	14:00
25	I6889-04		1	2.52	100	7.07	1.80	0.003	0.003	0.000	0.000	12/14/2017	14:00
26	CCV3	0.5	1	100	100		1.67	0.000	0.392	0.392	0.506	12/14/2017	14:01
27	CCB3		1	100	100		1.85	0.000	0.000	0.000	0.000	12/14/2017	14:01